

CONTRACT W56HZV-04-D-B074-ATTACHMENT 002

SOLICITATION W56HZV-04-R-S074

LAST CHANGE WAS AMENDMENT 0002 - DATED JULY 16, 2004

ONLY THE CONTRACT SPECIFICATIONS WERE CHANGED

ATTACHMENT 002

TECHNICAL INFORMATION QUESTIONNAIRE WATER TANK TRUCK, 10,000 LITER, POTABLE

A. GENERAL

Personnel Responding to Questionnaire

Name: Steve Chang

Title: Project Development Manager

Company Responsibility/Position Manager, Government Project and Contract

Telephone/Fax Numbers: 630-753-3109 / 630-753-2696

E-mail address: steve.chang@nav-international.com

Vehicle Manufacturer International Truck and Engine Corporation

Mailing Address 4201 Winfield Road

P.O. Box 1488

Warrenville, Illinois 60555

B. Vehicle:

Manufacture/Model Number of Vehicle offered: International Truck and Engine Co./ 7400
Set Forward Axle 4X4.

Physical Characteristics (brief description):

The 7400 Severe Service truck is designed for severe vocations and environments. It is a high performance vehicle and the first type in the industry that combines ease of operation, fuel economy, durability and serviceability in one easy to operate and comfortable cab. It is highly customizable and offers the best value in the market.

What is the total weight of the vehicle (lbs.)? 39,753 lbs

What are the axle weights (lbs.)? Front: 13,156 lbs. Rear: 26,597 lbs.

Maximum Travel Speed: 55 MPH.

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C. Engine:

Manufacturer: International Truck and Engine Co.

Model: DT 530 12NMU.

Net Flywheel Horsepower: 300 hp @ 2000 RPM.

Can the vehicles be operated using high sulfur Diesel? Yes .

D. Transmission:

Manufacturer: TTC-Spicer.

Model: PS110-7B.

Type of transmission (automatic, manual, clutch type, power shift, etc.): Manual, with low first and reverse gears for smooth Startability and controlled backing. Synchronized transmission.

Number of speeds forward 7 speeds, ratios: 12.27,7.00,4.13,2.54,1.84,1.33,1.00.

Number of speeds reverse: 1 speed, ratio of 12.27:1.

E. Steering:

Describe the type of steering (manual, power assist, etc.): Power steering, model Sheppard M110.

Is the vehicle Left hand or right hand drive? : Left hand drive.

F. Brakes:

Describe Type of brake system: Air brakes, dual circuit acting on all wheels, with ABS 4 channel. Brakes are 16.5in X 5 in. front and 16.5 in. X 7 in. rear. Equipped with park brake. The park brake is actuated with a Bendix color coded yellow manual valve located in the instrument panel

G. Cab:

Describe cab on truck (gage package, heat, air conditioning, color, etc)

Single cab, conventional, fully enclosed, steel. Includes clearance lights, arm rest on the doors, black rubber floor covering, coat hooks located on the rear wall, grab handles for easy entry/egress with tinted glass. The gauge cluster includes in easy to read display: odometer, warning lights for low fuel, low oil pressure, high coolant temperature and low battery voltage. The cluster has gauges for engine oil pressure, water temperature, fuel level, tachometer, and

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voltmeter. An Air cleaner gauge indicator is also provided mounted on the instrument panel. Gauges for oil temperature and axle oil temperature are also included. Cab color is white.

Driver Seat is a National 2000 brand, air suspension, high back with integral headrest. Cloth with fixed back includes 3-point seat belt. Passenger: Grag-Mag, Non suspension, high back with headrest, cloth with fixed back. Includes 3-point seat belt. The cab heater is an International Truck blend air HVAC system, engine coolant heater with defrost. The cab has integral Air Conditioning with cab controls. HVAC air filter is also provided. The refrigerant is HFC 134A. The cab has also overhead console with storage areas, and dome light. Two sun-visors are provided. Cab air suspension ion the rear is provided for added ride smoothness.

H. Tank:

Is the tank suitable for potable water? Yes.

Are there baffles in the tank? Yes.

What is the capacity of tank: 10,000 L.

Describe the tank construction (stainless steel, plastic, elliptical, etc): Stainless steel construction ASTM A36, flanged bulkheads and baffles.

Describe the Hose cabinet? Two hose storage compartments built into water tank, with means of locking hose to prevent pilferage.

Describe the Power Take Off (PTO) pump specs: PTO – Muncie –driven from Truck transmissions, air wire ship operated, geared to truck engine speed. Water pump – Klein model KP3FL 900 GPM 70-PSI maximum capacity 3" x 4" centrifugal ump. Pump coating to Potable Water specifications. Includes mechanical shaft seal, stress proof shaft and removable suction head

Describe Safety devices on PTO: PTO geared to truck speed, Over-speed protection device that will disengage pump when engine speed becomes too high for pump capacity.

Describe the gages, hoses, valves provided: Liquid Level Indicator mounted in cab provides driver with level in tank – Suction pipe with anti-vortex cross and trash screen. One 1-1/2" discharge outlet and one 3/4" hose bib. Stainless steel piping, spray-bar, and 2 sections of 120" long suction hose with storage compartment

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I. Accessories

Is there a locking toolbox provided with the vehicle? Yes.

List tools needed for operator maintenance: Hydraulic jack with sand platform, lug nuts wrenches for changing tire.

Are these tools provided? Yes

Is there a Spare tire with Jack provided on the vehicle? Yes.

Will a 20 Liter cooler (for storing food) be provided? Yes.

Is there a water separator on fuel system? Yes, RACOR brand model 2100

What Type of batteries are provided? International, maintenance free, 12 V, 1950 CCA. 3 batteries provided.

J. Provide the following information regarding dealer support:

- a. Name and location: Diamond Group, Baghdad & Basra, Iraq
- b. POC: Eng. Ziyad Younis - Chairman/Managing Director
- c. Address: Diamond Group, Bldg No. 8/A, Aljamia, Baghdad, Iraq
- d. Phone: Main Phone : 964 – 1 – 535-0146 / Fax: 964-1-816-2478
- e. Email: safi@go.cm.jo
- f. Website if any: N/A